

## Message Text

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ACTION OES-06

INFO OCT-01 ISO-00 ONY-00 /007 W  
-----241908Z 084490 /44  
R 241854Z MAR 77  
FM USMISSION OECD PARIS  
TO SECSTATE WASH DC 5852  
ERDA WASHDC

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PASS: STATE FOR OES/PROCHNIK ONLY;  
ERDA FOR AIA/VANDERRYN ONLY

E.O. 11652: N/A  
TAGS: OECD, TECH  
SUBJECT: CHAIRMAN'S NOTE TO CERD

1. FOLLOWING IS DRAFT NOTE BY CHAIRMAN OF CERD WHICH  
HAS BEEN PROVIDED TO US BY IEA SECRETARIAT FOR  
TRANSMITTAL:

2."REPORT TO THE COMMITTEE ON ENERGY RESEARCH AND  
DEVELOPMENT (DRAFT NOTE BY THE CHAIRMAN).

AT THE 24TH FEBRUARY MEETING OF THE COMMITTEE  
ON ENERGY RESEARCH AND DEVELOPMENT IT WAS CONCLUDED  
THAT THE REPORT OF THE STRATEGY GROUP SHOULD BE  
FORWARDED TO THE GOVERNING BOARD AS THE WORK OF THE  
STRATEGY GROUP RATHER THAN A CRD REPORT. UPON  
REFLECTION, IT IS MY VIEW THAT THE CRD, IN TRANS-  
MITTING THE REPORT TO THE GOVERNING BOARD, MUST MAKE  
CLEAR ITS INTENTIONS WITH RESPECT TO THE MATTER OF  
AN ENERGY R & D STRATEGY.

SINCE THE PRESENT REPORT IS PRELIMINARY IN  
NATURE, IT IS EVIDENT THAT CRD MUST TAKE POSITIVE  
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ACTION TO ASSURE FURTHER REFINEMENT OF AN R & D  
STRATEGY FOR THE IEA. I WOULD THEREFORE PROPOSE  
THAT THE ATTACHED TRANSMITTAL NOTE BE CONSIDERED  
BY THE CRD AND APPROVED OR REVISED AS NECESSARY. I  
FURTHER BELIEVE THAT THE SUBJECT OF STRATEGY DE-  
VELOPMENT IS OF SUFFICIENT IMPORTANCE THAT THE  
SUBSTANCE OF THE ATTACHED NOTE SHOULD BE A PRINCIPAL

TOPIC FOR DISCUSSION AT THE NEXT CRD MEETING, WHICH  
I PROPOSE BE HELD ON..... IN .....

WE WOULD APPRECIATE RECEIVING ANY COMMENTS OR  
SUGGESTIONS YOU MAY HAVE ON THE ATTACHED DRAFT PRIOR  
TO THAT MEETING, SPECIFICALLY BY ..... COMMENTS  
SHOULD BE ADDRESSED TO THE SECRETARIAT (MR. KLEIN)  
WITH A COPY TO ME.

IN CONNECTION WITH THE SCHEDULE FOR THE NEXT  
MEETING I WISH TO TAKE NOTE OF THE FACT THAT THE  
MEETING OF THE GOVERNING BOARD IN WHICH THE RESEARCH  
AND DEVELOPMENT ACTIVITIES OF IEA WERE TO BE DISCUSSED  
AS ONE OF THE PRINCIPAL AGENDA TOPICS, WILL NOT OCCUR  
AT THE END OF APRIL AS WE HAD TENTATIVELY FORESEEN.  
THE TIMING OF THAT GOVERNING BOARD MEETING IS UNCERTAIN  
BUT IT IS UNLIKELY TO OCCUR BEFORE JUNE.

3. PROPOSED TRANSMITTAL OF REPORT OF THE ENERGY R  
AND D STRATEGY STEERING GROUP TO THE GOVERNING BOARD.

THE PRELIMINARY REPORT OF THE IEA R & D STRATEGY  
GROUP HAS PROJECTED ENERGY DEMAND AND SUPPLY TO THE  
YEAR 2000. THE REPORT POINTS UP THE URGENCY OF THE  
DEVELOPMENT OF NEW TECHNOLOGIES TO AVOID A GROWING  
DEPENDENCE ON IMPORTED OIL AT A TIME WHEN OIL SUPPLY  
IS LIKELY TO BE DECLINING. IT SUGGESTS IN PRIORITY  
ORDER FOUR CATEGORIES OF R & D OBJECTIVES AND  
PROVIDES A PRELIMINARY ASSESSMENT OF THE POSSIBLE  
IMPACT OF EMERGING TECHNOLOGIES BETWEEN NOW AND THE  
YEAR 2000.

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THE COMMITTEE ON ENERGY R & D AGREES WITH THE  
FUNDAMENTAL CONCLUSION OF THE FIRST PHASE OF THE  
PROJECT. IT NOTES THAT AT THIS TIME, THE COMPLETION  
OF THE PROJECT'S FIRST PHASE, ONLY AN OUTLINE OF THE  
CONSIDERATIONS FOR AN IEA RESEARCH AND DEVELOPMENT  
STRATEGY CAN BE GIVEN. IT IS OBVIOUSLY NECESSARY  
TO CARRY THE DEVELOPMENT OF THE STRATEGY BEYOND THAT  
POINT.

BASIC TO THE R & D STRATEGY IS AN UNDERSTANDING  
OF THE LIKELY IMPACTS OF TECHNOLOGIES RESULTING FROM  
THE R & D EFFORTS. THE SYSTEMS ANALYSIS EFFORT IN

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INFO OCT-01 ISO-00 ONY-00 /007 W  
-----241910Z 084738 /44

R 241854Z MAR 77  
FM USMISSION OECD PARIS  
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THIS PROJECT HAS BEGUN TO PROVIDE SUCH AN UNDER-  
STANDING AND THE SECOND PHASE OF THAT WORK IS EXPECTED  
TO PROVIDE A MORE COMPLETE ANALYTICAL FRAMEWORK.  
A SECOND BASIC ELEMENT IN THE CONTINUING DEVELOPMENT  
OF THE STRATEGY IS THE FURTHER CONSIDERATION OF  
PRIORITIES, AN ORDERING WHICH MUST DERIVE FROM THE  
INTERACTION OF ENERGY POLICY GOALS AND THE POTEN-  
TIALITIES OF NEW TECHNOLOGIES.

THE FURTHER DEVELOPMENT OF THE ENERGY R & D  
STRATEGY MUST THEREFORE ADDRESS THE FOLLOWING ISSUES:

1. A FURTHER REFINEMENT OF THE POTENTIAL OF  
CANDIDATE TECHNOLOGIES;
2. AGREEMENT ON OVERALL RESEARCH AND DEVELOPMENT  
OBJECTIVES IN PRIORITY TERMS;
3. A FOSTERING OF NATIONAL EFFORTS CONSISTENT WITH  
THE PRIORITY OF OBJECTIVES;
4. AN ATTEMPT TO IDENTIFY MEANS OF MOST RATIONALLY  
INTERMESHING AMONG IEA COUNTRIES THEIR NATIONAL  
RESEARCH, DEVELOPMENT AND DEMONSTRATION EFFORTS.  
THIS INCLUDES CONSIDERATION OF:

A. COMMON PLANNING OF HIGH PRIORITY EFFORTS  
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- B. ALLOCATION OF REQUIRED EFFORTS AMONG  
COUNTRIES
- C. SPECIFIC COLLABORATIVE PROJECTS.

THESE ISSUES INVOLVE A COMPLEX OF FACTORS. AMONG THEM ARE:

A. IN GROUP 2A, RESOURCES ARE AVAILABLE TO A FEW COUNTRIES, BUT DISTRIBUTABLE FUEL PRODUCTS PRODUCED FROM THEM CAN BENEFIT MANY. THIS SUGGESTS THAT THE OWNER OF THE RESOURCE WOULD DEVELOP THE R & D APPROACH AND THEN SEEK WIDESPREAD PARTICIPATION IN THE ACTIVITY FROM POTENTIAL BENEFICIARIES.

B. IN GROUP 3A, RESOURCES ARE AVAILABLE TO MANY COUNTRIES AND THESE COULD LIKELY APPLY SUCCESSFUL DEVELOPMENTS DIRECTLY IN THEIR OWN COUNTRIES. THIS SUGGESTS WIDESPREAD PARTICIPATION IN THE PLANNING OF MAJOR PRODUCTS TO ENSURE RELEVANCE TO THE NEEDS OF PARTICIPANTS. THIS ALSO SUGGESTS SHARING IN ACTIVITIES ON THE BASIS OF LIKELY DISTRIBUTION OF BENEFITS. MULTIPLE PROJECTS WOULD APPEAR LIKELY TO AID TRANSFER OF THE TECHNOLOGY TO MANY USERS WITHIN THE NEXT TWENTY YEARS.

C. IN GROUP 4, RESOURCES FOR FUSION, FOR EXAMPLE, SHOULD BE AVAILABLE TO MANY COUNTRIES. HERE THE COST, TIME AND DIFFICULTY (WHICH REPRESENT THE MOTIVATION FOR SIGNIFICANT COOPERATION) SUGGEST THE NEED FOR AN INTERNATIONALLY PLANNED PROGRAMME BY THOSE FEW INDUSTRIALISED COUNTRIES WHO HAVE THE TECHNICAL AND FINANCIAL RESOURCES TO FULLY PARTICIPATE. THE COOPERATION REQUIRES THAT VARIOUS PROGRAMME ELEMENTS BE CLEARLY IDENTIFIED, WITH EACH PARTICIPANT ACCEPTING A SPECIFIC ROLE AND WITH MINIMUM DUPLICATION OF OVERALL EFFORT.

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ACTION OES-06

INFO OCT-01 ISO-00 ONY-00 /007 W

-----241910Z 084612 /44

R 241854Z MAR 77

FM USMISSION OECD PARIS

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ADEQUATE ATTENTION TO THE FURTHER DEVELOPMENT OF A STRATEGY WILL REQUIRE MORE THAN A "BUSINESS AS USUAL" APPROACH AND INVOLVE POLICY AS WELL AS TECHNOLOGICAL ELEMENTS. THE COMMITTEE ON RESEARCH AND DEVELOPMENT THEREFORE INTENDS TO TAKE THE FOLLOWING STEPS:

1. THE PRIORITY STATEMENT OUTLINED IN THE PRELIMINARY REPORT IS TO BE REVIEWED BY IEA COUNTRIES AS A STEP TOWARDS REACHING AGREEMENT;

2. THE STRATEGY STEERING GROUP IS BEING REQUESTED TO GIVE INTENSIVE CONSIDERATION TO THE ISSUES CITED IN PARAS 2 AND 4 ABOVE AND DEFINE MECHANISMS FOR APPROACHING APPROPRIATE SOLUTIONS. THAT GROUP SHOULD ALSO SUPERVISE, RECEIVE, AND INTEGRATE THE RESULTS OF THE SECOND PHASE OF THE SYSTEMS ANALYSIS EFFORT AT JULICH AND BROOKHAVEN.

BECAUSE OF THE URGENCY OF PROCEEDING WITH DEVELOPMENT OF NEW TECHNOLOGIES AS POINTED OUT BY UNCLASSIFIED

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THE FIRST PHASE OF THE STRATEGY PROJECT, AND BECAUSE PRECISE ANSWERS TO THE ISSUES PRESENTED WILL NO DOUBT EVOLVE OVER TIME, IT IS ESSENTIAL THAT NATIONAL R, D & D PROGRAMMES PROCEED ON AN URGENT BASIS SIMULTANEOUSLY WITH FURTHER CONSIDERATION OF THE ISSUES, TAKING INTO ACCOUNT THE RESULTS THUS FAR OBTAINED IN THIS PROJECT."  
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## Message Attributes

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**Review Markings:**  
Margaret P. Grafeld  
Declassified/Released  
US Department of State  
EO Systematic Review  
22 May 2009  
**Markings:** Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009